

stoloniferous. The new *Sullivantia*, like the old, grows on wet rocky banks. Three new *Polygonums* are described, and of course *Eriogonum* must receive some accessions; in this case there are five. A new genus of *Eriogonææ* is described under the name of *Hollisteria*, and as yet it is represented by the single species, *H. lanata*. Three new species of *Ephedra* are described and all the North American species are defined, numbering five. They are *E. antisiphilitica*, C. A. Meyer, *E. Nevadensis*, Watson, *E. trifurca*, Torr., *E. Torreyana*, Watson, and *E. Californica*, Watson. A new *Cupressus* is described from Guadalupe Island. It was distributed as *C. macrocarpa* in Dr. E. Palmer's collection, but now bears the name of the Island. The plant distributed in the collections of A. H. Curtiss as *Amaryllis Atamasco* is named *Zephyranthes Treatiæ*. *Luzula* and *Juncus* are each represented by two new species.

WILLOWS OF CALIFORNIA, by M. S. Bebb.—These are advance pages from the "Botany of California," Vol. II. That Mr. Bebb is the American authority on Willows every botanist knows, and hence when a contribution to American Botany like the present is made it becomes of great importance. This is all the more interesting as the genus *Salix* is a very difficult one and consequently about the last approached by the average botanist. It seems that there are in the world about 160 species of *Salix*, of which number 60 are North American, 19 being found in California. Mr. Bebb describes 6 new species and 13 new varieties. The species are named in honor of the State and the workers there. They are *S. Lemmoni*, named in honor of one whose name bids fair to become attached to every other genus in his state; *S. Austiniæ* in honor of a lady whose untiring zeal is neatly complimented in this connection; *S. Breweri*, a very interesting discovery of a genuine American representative of the *Viminalis*; *S. Californica*; *S. Monica*, named for the Mono Pass, and belonging to the *Myrtosalix* section, and *S. laevigata*. When Mr. Bebb gives us his final revision of North American Willows we will be satisfied, and not till then.